(Only for new nonprovisional applications under 37 CFR 1.53(b))

| Attorney Docket No. | |
|------------------------|--|
| First Inventor | JULIA EXIR |
| Title | Synthesis of inverted titania photonic crystal |
| Express Mail Label No. | |

| | | Mail Ston | Patent Application | | | | | | |
|--|---|--|--|--|--|--|--|--|--|
| APPLICATION ELEMENTS | | | ioner for Patenta | | | | | | |
| See MPEP of | | ADDRESS TO. P.O. Box | 4.458 | | | | | | |
| GEG WITE C | mapler doo concerning dainy palent application contents. | Alexandri | a VA 22313-1450 | | | | | | |
| 1. Fee Tra (Submit 2. Applica See 37 Specific (preferre - Descri - Cross - Statem - Referre or a co - Backgi - Brief S - Brief D - Detaile - Claim(- Abstra 4. Drawin 5. Oath or Decl a. New b. Cop (for | ed arrangement set forth below) iptive title of the invention Reference to Related Applications ment Regarding Fed sponsored R & D ence to sequence listing, a table, computer program listing appendix ground of the Invention Description of the Drawings (if filed) ed Description (s) act of the Disclosure | 7. CD-ROM or CD-R in dupli Computer Program (Appe 8. Nucleotide and/or Amino Acid (if applicable, all necessary) a. Computer Readable b. Specification Seque i. CD-ROM or C ii. Paper c. Statements verifying ACCOMPANYING AF 9. Assignment Papers (condition of the condition of th | a VA 22313-1450 icate, large table or endix) Sequence Submission Form (CRF) ince Listing on: iD-R (2 copies); or g identity of above copies PPLICATION PARTS ver sheet & document(s)) ent | | | | | | |
| | | 17. L Other: | | | | | | | |
| | | | | | | | | | |
| | NUING APPLICATION, check appropriate box, and sup lowing the tille, or in an Application Data Sheet under 3 | | nd in the first sentence of the | | | | | | |
| Continu | ouation Divisional Continua | tion-in-part (CIP) of prior application | on No.: | | | | | | |
| Prior application information: Examiner Art Unit: For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been headwartently omitted from the submitted application peris. | | | | | | | | | |
| | 1s, correspon | DENCE ADDRESS | | | | | | | |
| Cusiom | ner Number: | oa ☑ Come | epondence address below | | | | | | |
| Name | JULIA EXIR | | | | | | | | |
| Address | P.O.BOX 17003, 69 YONGF STREET | | | | | | | | |
| Oty TORONIO | | State ONTARIO Zip Code Mare 192 | | | | | | | |
| Country | CANADA ! T | elephone (416)224-5682 | Fax | | | | | | |
| Namo (Frint/Typ | 76) JULIA EXIR | Registration No. (Attorney/Agent) | | | | | | | |
| Signature | Valia SJa | · · · · · · · · · · · · · · · · · · · | Date 2004-02-06 | | | | | | |

This collection of Information is required by 37 CRR 1.53(b). The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application, Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11. This collection is estimated to take 12 minutes to complete including gallering, preparing, and submitting the completed application from to the USPTO Time will vary depending growthe including case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tragemerk Ortics, U.S. Department of Commerce, P.O. Box 1450, Alexandra, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signature

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FEB 6,2004

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FEE TRANSMITTAL for FY 2004

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 385

| Complete if Known | | | | |
|----------------------|--------------|--|--|--|
| Application Number | 60/448,454 | | | |
| Filing Date | FEB 21, 2004 | | | |
| First Named Inventor | JULIA EXIR | | | |
| Examiner Name | | | | |
| Art Unit | | | | |
| Attorney Docket No. | | | | |

| METHOD OF PAYMENT (check all that apply) | | FEE CALCULATION (continued) | | | | |
|--|--------------|-----------------------------|--------------|-------------|--|-----------|
| Check Credit card Money Other None | | 3. ADDITIONAL FEES | | | | |
| Deposit Account: | | Large Entity Small Entity | | | | |
| Deposit Cocunit. | Fee Code | Fee (\$) | | Fee (\$) | Fee Description | Con Daid |
| Account Number | 1051 | 130 | 2051 | | Surcharge - late filing fee or oath | Fee Paid |
| Deposit | 1052 | 50 | 2052 | | Surcharge - late provisional filing fee or | |
| Account Name | 1053 | 400 | 4050 | 400 | cover sheet | |
| The Director is authorized to: (check all that apply) | | 130 2,520 | 1053 1812 | | Non-English specification For filing a request for ex parte reexamination | |
| Charge fee(s) indicated below Credit any overpayments | | 920* | 1804 | | Requesting publication of SIR prior to | |
| Charge any additional fee(s) or any underpayment of fee(s) | | 920 | 1004 | 320 | Examiner action | |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. | | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| FEE CALCULATION | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1. BASIC FILING FEE | 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| Large Entity Small Entity | 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1001 770 2001 385 Hillity filing fee | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1002 340 2002 170 Design filing fee | 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1003 530 2003 265 Plant filing fee | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1004 770 2004 385 Reissue filing fee | 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1005 160 2005 80 Provisional filing fee | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| SUBTOTAL (1) (\$) 385 | | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| | | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| Total Claims | 1 | 480 | 2502 | - | Design issue fee | |
| Independent | 1503 1460 | 640 | 2503 | | Plant issue fee | |
| Claims - 3" = | | 130 | 1460 | | Petitions to the Commissioner | |
| | | 50 | 1807 | | Processing fee under 37 CFR 1.17(q) | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description | 1806 | 180 | 1806 | | Submission of Information Disclosure Stmt | |
| Code (\$) Code (\$) | 8021 | 40 | 802 | 1 40 | Recording each patent assignment per property (times number of properties) | |
| 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection | |
| 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid | 4040 | 7770 | 2014 | | (37 CFR 1.129(a)) | |
| | 1810 | 770 | 2810 | 3 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1204 86 2204 43 ** Reissue independent claims over original patent | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| SUBTOTAL (2) (\$)0 | | fee (sp | ecify) _ | | | |
| **or number previously paid, if greater; For Reissues, see above | | iced by | Basic I | Filing F | ee Paid SUBTOTAL (3) (\$) 0 | |
| SUBMITTED BY (Complete (ii applicable)) | | | | | | |
| Name (Print/Type) JULIA EXIR | | Registra Attorney | | | Telephone 416-224-5682 | |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of line you require to control this form und/or suggestions for reducing this burden, should be cent to the Chief information Officer, U.S. Putent and Frademark Office, U.S. Department of Commerce, P.O. Box 1459, Alexandria, VA 22313-1469. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1459, Alexandria, VA 22313-1469.